

80 PLUS Verification and Testing Report

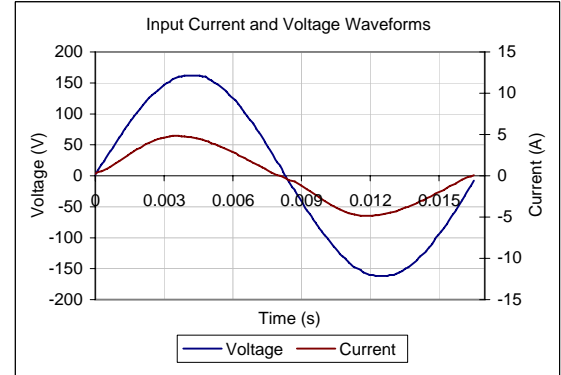
TYPICAL EFFICIENCY (50% Load):	83.32%
AVERAGE EFFICIENCY :	81.37%
80 PLUS COMPLIANT:	YES



Ecos ID #	274
Manufacturer	DELL
Model Number	GK929
Serial Number	NA
Year	2007
Type	Custom
Test Date	7/3/2007

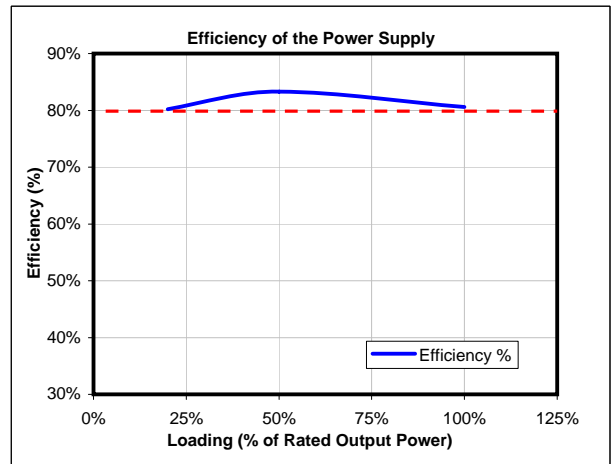
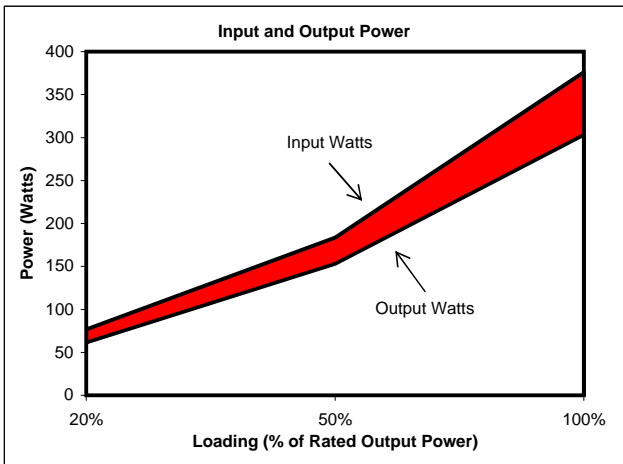
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6	Amps
Input Frequency	50-60	Hz
Rated Output Power	305	Watts

Note: All measurements were taken with input voltage at 115 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 8.41%, 50% Load)

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Fraction of Load	Input Watts	DC Terminal Voltage (V) / DC Load Current (A)					Output Watts	Efficiency %
						12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V*	5VSB		
0.68	0.98	10.7%	20%	Light	77	12.2/3	11.9/0.1	3.3/2.1	5/2.7	5/0.6	62	80.17%
1.61	0.99	8.4%	50%	Typical	184	12.1/7.5	12.1/0.3	3.3/5.2	5/6.8	5/1.4	153	83.32%
3.29	0.99	8.1%	100%	Full	376	12/15.1	12.5/0.7	3.2/10.5	4.9/13.6	4.9/2.7	303	80.62%



These tests were conducted as a part of the 80 PLUS program. 80 PLUS is a computer buy-down program to promote high-efficiency power supplies (greater than 80% efficiency in the active mode) in desktop computers and desktop-derived servers.

Tested by Electric Power Research Institute, Knoxville, TN.

